

PHILLIP MORRIS U. S. A.

I N T E R - O F F I C E C O R R E S P O N D E N C E

Richmond, Virginia

To: Distribution

Date: July 2, 1992

From: P. F. Grantham

Subject: Rod to Rod Variation of Selected Blend Components

Attached are two internal reports evaluating rod to rod variation (variation in the cigarette production process) of blend components in selected Philip Morris brands and Industry Monitor #14. Expanded stem, RL and RCB were determined by microscopic separation, and expanded tobacco by acetone floatation. The variation in these methods of analysis (analytical measurement variation) are reported in the Industry Monitor #14 study (dated February 6, 1992.) Industry Monitor #14 was chosen for this original study because it was produced under controlled conditions to yield the most consistent product possible. As a result of the data obtained on Monitor #14, an additional study was designed to look at rod to rod variation in routine production cigarettes. Four brands were selected, Marlboro KS, Merit Ultra Lights KS, Bristol FF 100, and Cambridge Lowest 100. These brands were selected to cover different inclusion levels of the blend components. The results of this study are detailed in the attached report dated July 1, 1992.

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Attachments

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